1:Beaglehole and Beaglehole E-5 (1934-5)1938 Pukapukans

ECONOMIC ORGANIZATION

CONTROL OF WEALTH

In former times, the island as a whole apparently did not function in the control of land, reefs, or other native wealth. Today, however, there are on Wale five talo beds (*si*) which are controlled by the island. These are termed *si wenua*. After the tidal wave of 1914, the Island Council divided some of the talo lands owned by the maternal lineages among all the people of the island in order to tide over a temporary food shortage. These lands have remained under the control of the whole island since that time. Their names are: Ui lua wunni (2 beds), Ui alapai, Ui kolomui, Ui angatonu.

In economic matters today as formerly, the ultimate controlling units are the village groups. These are independent of each other and may utilize their lands and reefs in any way they wish; in practice, however, they all conform to the same pattern of control.

VILLAGE PROPERTY

REEFS

The barrier reef (*te oyanga loa*) and all fishing grounds on the reef, inside and outside the lagoon, are divided among the villages as follows:

The reef from Wale to Matautu, the northern point of Motu Ko, belongs to Ngake; no men or canoes other than those of Ngake are allowed on or near this part of the reef. The reef between Matawea, the western point of Motu Ko, and Motu Kotawa is divided into halves (*itu*), one half belonging to Ngake, the other to Yato. The reef fishing from Motu Kotawa to Wale belongs to Yato, but because lagoon fishing in former times was controlled by Ngake, the men of Yato could fish only outside this reef. Without permission from Ngake villagers men of Yato could not go to their reserve by canoe across the lagoon but had either to coast along the outside of the reef or to walk along the reef shelf. The outer, northern reef, running round the reserve of Niua (the northwestern side of Wale) as far as the boundary of the Loto reserve of Uta, was controlled by Yato; the outer reef from this point to the eastern boundary of Uta was controlled by Loto; the rest of the reef running past Utupoa to the main reef was controlled by Ngake. Each village had the right to the beach and lagoon fishing on its own shore (*tukutu*). The rest of the lagoon away from the village frontages belonged to Ngake.

The control of reefs, though apparently weighted heavily against the village of Loto, worked with a certain flexibility. The men of Ngake announced at frequent intervals to the men of the other two villages that they might fish in the lagoon for one moon. At the end of the period the lagoon was tapu for all save Ngake men. All economic tapus (*lani*) were supported by supernatural sanctions. The two villages benefiting by this generosity took gifts of food, usually nuts and talo, to Ngake in payment for benefits received. Special gifts were sometimes given as when Yato made an expedition to Motu Kotawa and returned with extra supplies of *takupu* birds (tern).

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The open sea opposite each reef was controlled by the village owning the reef and only men from that village might go deep-sea fishing there. As the canoe channel on the western reef was controlled by Yato village, men from Loto and Ngake had to receive permission before taking their canoes across the break (*ava*) in the reef at this point. This was a frequent request, for the only other break close to the villages is on the north-eastern side of Wale, rarely as sheltered and manageable as the western side. Permission was given as a matter of generosity. Trespassers in the fishing reserves of other villages were punished by fines in nuts levied by the guards (p. 37) of the village whose reef was violated.

Before the causeway (*kolo*) was built across the western arm of the lagoon on Wale, this lagoon indentation was considered a part of the reserve of Niua. After the causeway was constructed, Yato village still retained control of the "bay", and turned it into a fish pond. It is simply called *te loto*, the name for any enclosed water. This pond contains many *ava* fish (white mullet), which fatten on the algae growing on the lagoon bottom. The fish are tapu for most of the year, but at certain arranged times, generally at the end of each month, the pond is opened to fishing parties from Yato for one or more days. Fishing is sometimes an individual matter; at other times all the men of Yato fish together on the same day. The catch is divided among all the people of the village. Some of this fish finds its way through gift to other villages, but the sole right to fish in this pond is jealously guarded by Yato men.

LANDS AND BOUNDARIES

The land on the three islets is divided among the villages. Each village retains control of the lands specifically set aside as communal village lands. The rest of the land within the village boundaries is controlled by the paternal and maternal lineages. The village boundaries (*tuahoi*) on Wale are shown on the map (fig. 1, *b*).[1]

The present boundary lines between the villages date from a period just after the great seismic wave of about 300 years ago. After this catastrophe, in the reign of the chief Maina or of his successors, Tuliayanga and Alitakupu, it was decided to realign the boundaries to take care of population growth. The technique used is called *tutuki*, a form of stick wrestling. A weapon (*kaio*) of *nutau* wood, about 4 to 6 feet long, is held by two men facing each other, each trying to push his opponent backward. The boundary advances or retreats according to the position of the weapon. In the contest in question, all three villages participated, lined up along a provisional boundary running from lagoon to outer beach near the present church.

Loto faced Yato on the west and Ngake on the east. Before the contest commenced, the high chief (*alihi nuio*) went to the sacred place of the goddess Tasa and requested

[1] [See p. 58, category III—analyst.]

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This was a return for courtesies rendered to Ngake men by the other villages, particularly deep-sea fishing privileges off the western reefs of Yato.

That the reserves are well guarded is evident from two incidents:

In walks over the island with Yato informants, amazement was always expressed in their faces when I casually proposed taking a short cut to our objective across the reserve of Loto. Even though I thought that my presence was sufficient evidence that my informants were not likely to steal nuts or talo from the reserve, informants never set foot on the reserve without finding the nearest guards and informing them that their visit to the reserve was in my company only, and not for illegal purposes.

On one occasion we were taken to Motu Ko in a Yato canoe. The Yato men took the opportunity to inspect the reserve thoroughly before going on to Motu Kotawa. This was the first time that some of them had set foot on Motu Ko. Ngake friends were continually urging us to pay a visit to Motu Kotawa that they might visit Yato's reserve as canoe crew. When we finally went to Motu Kotawa, Ngake men launched the largest canoe available, and there was keen competition for the privilege of being one of the crew. Even old men, almost incapacitated through age, made a point of being fictitious crew members on this day, and during our few hours' visit on the islet, the Ngake men inspected every nook and cranny of the reserve, appraising the amount of nuts on the trees and the number of roosting birds with critical eyes. The results of the survey proved a topic of excited conversation for many days thereafter.

The villages have retained exclusive control over village reserve lands throughout Pukapukan history. At one period, however, in the reigns of the two chiefs after the seismic wave, the system of village control was temporarily in abeyance. In order to prevent widespread stealing, the law of *pule pae* was decreed whereby the guards had the power to kill by strangulation or drowning anyone caught stealing food from the reserves. Though centralized in one locality at this time, the villages still retained separate identities. Each village unit furnished a guard for the reserves. According to the severity or laxity by which these guard units enforced the law they were named: Te Pule-Wala-o-Yila-Wua (Pandanus-that-glitters-only), the guard of Ngake; Te Pule Tuli (the Tuli bird guard, or the guard that chases), the guard of Loto; Te Pule-Wala-Mangeo (the Guard-of-bitter-pandanus), the guard of Yato.

The guard of Ngake was kind-hearted because the people of Ngake had opposed the passage of the law of *pule pae;* this guard allowed thieves to escape from the reserve, thus earning the name of pandanus that glitters only but does not sting or catch people with the thorns of the leaves. The guard of Loto carried out the letter of the law, and allowed none to escape; they caught people as the *tuli* bird is caught in a trap. The guard of Yato was also strict, so they were named after pandanus that catches people with the thorns of the leaves. It is said that if the Ngake guard saw a man tarrying at the boundaries of the reserve, they told him to hurry inside, take what food he could, and hurry away while they turned their backs on the infraction of the law; that the Yato guard killed law breakers at once, and that the Loto guard killed them on the next day.

Besides accounting for the law breakers, the guard collected nuts and fished for food to divide among all the people. This was done by the guards stationed on Wale, on Motu Ko, and on Motu Kotawa. Other members went through the village each day to see that everyone was accounted for. Those missing had to prove that they were

1:Beaglehole and Beaglehole E-3 (1934-5)1938 Pukapukans

these hillocks were raised as the result of human excavations with such primitive implements.

Traditions state that the talo beds on Motu Ko were started by the migrants from the legendary land, Yayake, and were continued later by the Pukapukans after the people of Yayake were all killed. Both on Wale and on Motu Ko, excavations continue to this day. The beds that a man digs out are his own property during his life; on his death they are passed on down the paternal descent line. Picks and shovels borrowed from the resident agent help to render excavation today less laborious than it must have been in earlier times.

The village-controlled talo beds (*mota*) are separated into three divisions, one each for the men, women, and children of the village. Each year the number on the village rolls is altered through birth, death, the addition of those attaining sociological adulthood, and affiliation (*tau*) of new members; and a redivision is made of the beds of the members of each class on the village roll. The shares of dead adults are taken by new adults (*wakatane* and *makamwine*), whose shares in turn are given to new-born children. This redivision (*kotikotinga*) is made by a village meeting at the talo beds. All attend, even children, as a matter of course. The argument, discussion, and division are carried out by the guard and elders of the village, sitting on a near-by hillock, the others watch and assist with free advice and witticisms.

The new boundaries are marked by stones and coconut midrib butts. These soon fall down, but not before the new divisions have been memorized. The actual size of the village allotments varies somewhat from year to year, but in general a piece of land about 3 yards square is the average size of the division for man, woman, or child. Twice a year all the village women gather leaves and plants to fertilize the beds. Each adult cultivates his and his children's land how and when he pleases. The guards inspect the reserve land beds each month and fine each cultivator who has allowed his land to get weedy. The appropriate fine of three pennies or six mature coconuts is kept by the guards for their trouble in levying and collecting it.

The system is flexible and seems to work well. Each household receives an amount of talo land commensurate with its size. The system insures that none shall starve while others hoard up lands they cannot cultivate. Supervision by the guards keeps the land in good condition. The talo beds that a household derives from these village lands are supplemented by lands owned through lineage descent.

Paternal Lineage Property

Lands within village boundaries not controlled by the village unit are controlled by the paternal and maternal descent groups. On Wale, each paternal lineage (*fo*) controls a section of land (*hanu*) of indeterminate

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[421] 613 423 311 width, depending on the amount of village-owned land and the number of paternal lineages that share in the division. Each section runs from lagoon (*tai*) to outer beach (*tua*) missing out the talo beds and reserve lands owned by the village. Thus the sections of Ngake run straight through from *tai* to *tua*; those of Loto run to Uta, then step and pick up the line again on the northern side of the reserve whence they extend to the outer beach.

[X4] The cemeteries of each paternal lineage and of each sub-lineage are situated on the section of the lineage. Through patrilocal residence, all male members of the paternal lineage reside on another part of the same section of land. The *hawa* are named for the paternal lineages.

Besides the two sections running from *tai* to *tua*, the paternal lineages of Loto also own smaller sections in Uta. Four land divisions on the western side of Uta are controlled by the sub-lineages of the *pa* i Tua. The names of these divisions (*na hawa i te tuaa lalo*) are: Te Fu, Taikiaua, Te Wale-i-te-kilikili, Te Aunga. Four divisions (*na hawa i te tuaa-ngake*) on the eastern side of the reserve are divided among the sub-lineages of Yongalipale *pa*. Their names are: Te Utu, Wale-kalala, Te Wale, Te Pongae.

[341] The lineage sections of Yato run from *tai* to *tua* on the strip of land east of the causeway, the only site of Yato in former times. Ngake informants recognize none other than these: Yato informants, feeling that the transfer of part of the village to the site west of the causeway and the opening up for residence of what was formerly taro land enable them to speak legitimately of further sections in this western extension of Yato, state that by fiction if not by tradition, the three Yato lineages have second strips running from lagoon to Nimo in the western section of the village.

421 613 341 428 The coconut trees, talo beds, and bush timbers on all sections are of two kinds: first, those owned by the people of the lineage in common and shared among all members; second, those individually owned by male and female members of the lineage who alone are allowed to plant or to pass trees on the section. Coconut trees of the first type descend in the lineage corporation and are not alienable. Trees of the second type are inheritable among individual members of the lineage, but are not alienable outside of it.

423 613 692 Each section (*hawa*) is further subdivided into homestead lots named *pilunga*. These lots are the subdivisions of the sections on which, in general, male members of the paternal lineage live with their families. Through marriage, adoption, choice, or inheritance of a house, people of different lineages come to live together on the same homestead lot, but the tendency is for all living on the same lot to be related by some kinship tie, close or remote. Only people belonging directly to the lineage that owns the section on which the lot is located may plant or privately own trees or talo beds or be said to own house sites on the lots.

people other than blood members of the lineages would come to live on the sections. To protect the food supply of its own blood members, the lineage might well make the rule that certain nut trees were to be shared among all associated with the constituent lineages through blood, marriage or choice; whereas only members of the lineages by blood or adoption might plant and own trees on the *kaiu* section. This would prevent the removal of wealth from blood members of the lineages by friends and distantly related affinal relatives, who might come to live on the section. The land is thus effectively owned in common by the lineage corporation, though sole right to the produce of the trees remains with individual members of the corporation.

Both paternal and maternal lineages, the *po* and the *una*, control small sections of talo beds. There is no legend as to the origin of this control. These beds were probably dug first on land controlled by the paternal lineage or by the maternal lineage if the maternal descent group was originally a more important unit of social organization, as evidence seems to indicate. Then, as new paternal or maternal lineages were set up by the breaking away of men and women from the basic groupings, certain talo lands were transferred to the new, minor lineages, from those controlled by the major group. The twenty-three talo gardens on Wale owned by the paternal and maternal lineages are all named. These gardens are divided among male and female members of the lineages. In the next generation, children retain a share in the mother's maternal lineage beds, but receive no shares in the mother's paternal lineage beds. Similarly, they retain shares in the father's paternal lineage beds, but none in his maternal lineage beds. The talo lands are controlled by the lineages as corporate entities, and are redivided from time to time to include new members of the corporation.

Individual Property

The wealth objects controlled by the individuals are few. A man may own a house and a house site, a canoe, fishing gear and implements, clothing, pearl-shell ornaments, trees, and talo beds. A woman owns mats, prepared pandanus, ornaments, trees, and talo beds. Small canoes, one-piece dugouts or plank canoes, are owned outright by one man. Larger canoes which have required much time to make and wealth to finance are owned by household groups, or groups of closely related kin. The oldest man of the kin group is spoken of as the nominal owner of such a canoe, but all the members of the group refer to it as "our canoe". If relatives or friends wish to use the canoe, they ask permission of the nominal owner. A young man who does not possess a canoe of his own borrows one from a friend. When the fisherman returns, he gives fish, usually the best and biggest of his catch, to the owner of the canoe in payment for its use. The fish reserved for this payment is termed *ika ya* (sacred fish). When one man is invited to accompany another in a fishing canoe, there is an equal division of the catch and no payment of *ika ya* is expected from the guest member of the canoe.